

CENTER PLATE ASSEMBLY FOR A RAIL ROAD CAR

Abstract of the Disclosure

5 A railroad car body has a longitudinally extending center sill, and a main bolster
extending transversely relative to the center sill. A center plate is mounted under the
center sill at the intersection of the center sill and the main bolster. The center plate seats
in the center plate bowl of a truck that supports the rail road car body for rolling motion
along the rail road tracks. The center plate is a casting that has a round peripheral wall
10 that seats entirely within the center plate bowl. None of the center plate extends beyond
the round peripheral wall, and none of the center plate overhangs the peripheral
upstanding steel ring of the center plate bowl wall. The center plate has a continuous
circumferential welding fillet relief such as may tend more easily to permit automated
welding. The center plate has a hollow, upstanding truncated central cone member for
15 accommodating a king pin. The truncated cone stands taller than the rim. A keying
fitting is mounted adjacent to the central cone to discourage angular mis-orientation of
the lateral center plate edge reliefs.